

No. Pages : 1

TOP SECRET-[REDACTED]

COPY NO.: 19

MISSION COVERAGE SUMMARY

MISSION A 2040

13 OCTOBER 1957



HTA-MCS-34-57

25 OCTOBER 1957

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CENTRAL INTELLIGENCE AGENCY

OFFICE OF RESEARCH AND REPORTS

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MISSION COVERAGE SUMMARY

Date of Photography 13 October 1957 Report No. HTA-MCS-34-57

Date of Report 25 October 1957 Mission No. A 2040

WAC & BE No.	Photo Ident.			Coordinates		Country	Qual.	Photo Point	Ref.	Description
	Cam.	Exp.	Time	Lat. N	Long. E					
51			25X1D	69	Approx 36	USSR	F			1 small ship under way
51				69	Approx 36	USSR	F			1 large and 1 small ship under way
51				69	Approx 35	USSR	F			2 medium-size ships under way
51				69	32	USSR	F			Poluostrov Rybachiy [REDACTED] 25X1D
51				69	33	USSR	G			MALAYA KARELINSKAYA, small poss fishing village; 3 4-gun light AA emplace- ments
51				69	33	USSR	G	25X1D		PORT VLADIMIR, large fishing village; numerous fishing vessels and 1 large cargo vessel; poss radar sites in area [REDACTED]
51				69	33	USSR	G			TOROS; 6 poss PT boats; 3 poss patrol boats; 1 large ship (poss minesweeper or destroyer)
51				69-15	33-21	USSR	G			Naval installation in Guba Sayda; 9 submarines, 3 large and 5 small ships, moored at 2 piers in sheltered section of inlet;
										HQ, barracks, and ware- house bldgs on shore
	25X1D									
51				69	33	USSR	G			Area E of SAYDA GUBA; 1 poss 8-gun AA emplacement

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51				69	33	USSR	G			SAYDA GUBA; 1 large warehouse-type bldg near water
51				69	33	USSR	G			Polyarnyy Naval Base (see 25X1D
51			25X1D	69	33	USSR	G			Small fishing village; poss fish cannery; 18 barges anchored in bay
51				69	33	USSR	G			2 submarines anchored in bay W of fishery; 2 poss midget subs on beach; 2 poss PT boats
51				69	32	USSR	G			URA-GUBA 25X1D
51				69	33	USSR	G			20 u/i circular earth scars
51				69-13	32-42	USSR	F			Ura Guba A/F; sod surface, landing area approx 6,600' x 180'; 15 a/c revetments; no facilities or a/c observed;
										jet blast scars; prob used for emergency (on far oblique)
51			25X1D	69	33	USSR	G			1 poss 8-gun AA emplacement N of POLYARNYY ✓
51				69	33	USSR	G			1 8-gun AA emplacement NW of SAYDA GUBA ✓

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51			25X1D	69	33	USSR	G			2 8-gun AA emplacements NW of MURMANSK; 1 near BELOKAMENNAYA, 1 2.5 NM NW of same ✓
51				69	33	USSR	G			Port facilities on Tuloma River opposite MURMANSK
51				69	33	USSR	G			Rosta Shipyard and port facilities; 2 "Sverdlov" class heavy cruisers, 1 light cruiser, 6 destroyers, 3 poss destroyers, 5 poss subs, 10 poss craft in dry docks; 1 dry dock 800' x 95'; 1 dry dock 420' x 95'; numerous poss PT boats, patrol boats, and other misc craft; 1 tanker, 1 large cargo, 2 medium cargo and 1 small cargo ship (see 25X1D
51			25X1D							
51				69	33	USSR	G			Poss thermal power plant in Rosta Shipyard
51				69	33	USSR	G			Poss small military camp
51				68	32	USSR	G			1 8-gun AA emplacement W of MURMANSK; 2 8-gun AA emplacements along new road; 1 8-gun AA emplacement on hill across river from MURMANSK ✓
51			25X1D	68	32	USSR	G			New road leading NW from MURMANSK (part still u/c)

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51			25X1D	68	32	USSR	G			Poss electronic installation u/c on new road NW of MURMANSK; numerous prob cable scars
51				68	32	USSR	G			New RR leading NW from MURMANSK; small village near Ozero Pyayve-Yavr
91				67-58	33-00	USSR	G			Monchegorsk A/F; concrete r/w 6,600' x 200' with overruns at both ends; parallel taxiway with 2 connecting links and 2 alert aprons at
										each end of r/w; approx 50-52 hardstands (10 revetted, approx 37 capable of containing 2 jet medium bombers each, 13
										able to support 2-3 jet fighters each); r/w is extensible at both ends of field; approx 6 radar support vehicles in grass center
										island; 2 POL storage areas with 3 underground tanks each; major repair facilities; 4 poss hangars; personnel barracks area; 3 6-gun AA
										emplacements; 1 8-gun AA emplacement; a/c: 40 Beagles, 30 MIG-type, 3 Cabs ✓
	25X1D									
91				67	32	USSR	G			Monchegorsk Nickel Combine 25X1D 25X1D
91				67	33	USSR	G			IMANDRA; transformer station with power line leading to SW and N; RR yard with "Y" turn-around; 2 T-shaped piers; poss fish-processing plant

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91			25X1D	67	33	USSR	G			Prob communication station within a double-fenced secured area; much new construction and expansion on the Ozero
										Bol'shaya Imandra
51			25X1D	68	33	USSR	G			OLEN'YA; new mining and ore-processing site (see [REDACTED])
										25X1D
51				68	32	USSR	G			Contrail from u/i a/c
51				69	31	USSR	G			New RR from PENCHENGA pass to MURMANSK
51				69-15	31-45	USSR	G			New A/F u/c approx 10 miles SE of Pechenga A/F; NE/SW hard-surface r/w 6,700' x 140'; loop taxiway with three connecting links; overruns at each end of r/w; no a/c observed
51				69	31	USSR	F			TITOVKA REKA (village); approx 100 bldgs; military camp and training area across river; 2 large warehouse-type bldgs, 18 barrack-type bldgs, approx 9 smaller bldgs, numerous misc smaller bldgs, 12 large storage sheds; pier facilities NE of camp and training area
51			25X1D	69	32	USSR	F			OZERKO; prob military area; prob radar site; 8-gun AA emplacement; new settlement u/c; much lumber on beach with small

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										pier; 1 small ship
51			25X1D	68	37	USSR	F			VOSTOCHNAYA LITSA; small prob fishing village; walled compound with 7 bldgs and guard towers just E of town; poss natural surface landing strip 800' x 125'; no a/c visible; prob lighthouse N of town
51			25X1D	68	37	USSR	F			Mining activity along coast line
51				68	37	USSR	G			KHARLOVKA, small poss fishing village; lighthouse on Ostrov Kharlov just N of village
51				69	36	USSR	G			Prob lighthouse and small communication tower on Ostrov Bol'shoy Oleniy
51				69	36	USSR	P			U/i settlement with port facilities; 2 small boats heading SE
51				69	34	USSR	G			Prob electronics installa- tion; secured ammo storage with 2 large ware- house-type bldgs and 2 prob 4-gun AA emplace- ments along the western coast of Ostrov Kil'din (see [REDACTED]) 25X1D
51			25X1D	69	33	USSR	F			Prob lighthouse and naviga- tional facilities along Mys Chernyy

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51			25X1D	69	33	USSR	G			Naval base E of Kol'skiy Zaliv on Dolgaya Guba; installations include sub pen u/c E of main port facilities; 53 prob PT
								25X1D		boats (85'), 1 prob destroyer (400'), 10 prob barges and small craft; 7 piers; POL storage and new construction activity
								25X1D		
51			25X1D	69	33	USSR	F			Small harbor with 1 pier just W. of Mys Zelenets; lighthouse at entrance to Kol'skiy Zaliv
51				69	33	USSR	G			Heavy 8-gun AA emplacement, pier, 3 warehouse-type bldgs, W of Ostrov Sedievatyy; lighthouse on island
51				63	33	USSR	G			Ozero Polyarnoye; dock facilities, 7 piers and 17 warehouses extending along shore line; prob mining activity; excavations with penstocks extending to loading pier; lighthouse
51			25X1D	63	33	USSR	G			TYUVA GUBA, prob small fishing village; 5 small piers and several boats
51				63	33	USSR	G			Polyarnyy Naval Base; large warehouse storage and barracks areas, 12 prob POL storage tanks, numerous dock facilities;
										ships include: 25 subs, 3 poss sub tenders, 12 patrol craft, and 14 misc ships; all entrances to this area protected by sub nets;

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										Budhta Yekatering, W of the main area, has additional dock facilities with 4 subs, 2 of which are in a poss floating dry dock.
										20 patrol boats, 10 misc boats; other dock and warehouse storage facilities in GUBA OLEN'YA; ships include 9 subs, 1 poss sub tender, 9 misc boats; 3 small areas containing dock facilities E and SE of naval base in Kol'skiy Zaliv; ships include 1 freighter,
										12 misc boats; 6-gun heavy AA emplacements on S edge of naval base, 2 8-gun heavy AA emplacements S of base and 1 8-gun heavy AA emplacement SE of base
										25X1D 25X1D
51			25X1D	69	33	USSR	G			Prob ammo storage area N of VAYENGA; 16 warehouse-type bldgs, 7 of which are u/c, located within double-
										fenced area with guard towers; dock facilities; 2 8-gun heavy AA emplacements N and E of storage area
51			25X1D	69	33	USSR	G			Vayenga Naval Base: numerous warehouse- and barracks-type bldgs, 10 POL storage tanks, transformer substation, large
										lumber raft, numerous dock facilities; ships include: 3 cruisers at anchor, 26 destroyers, 1 tanker and 16 misc boats
										tied at piers; double-fenced secured storage area with 3 warehouses; 3 prob ammo storage areas E of naval base

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51			25X1D	69-02	33-25	USSR	G			Severomorsk A/F; 2 runways. 1 concrete NW/SE 8,200' x 275' and 1 packed earth N/S 3,400' x 260' both with loop type taxiways.
										2 parking aprons, 49 hardstands with 17 revetted, 10 FCL storage tanks, 2 double fenced ammo storage areas just N of runway with 12
										warehouse-type bldgs and 1 with 3 revetted bldgs, 1 u/c; double fenced storage area S of runway with approx 55
										warehouse-type bldgs, a/c maintenance facilities and GCA system; A/F is still u/c, a/c: 3 Bulls, 29
										Badgers, 23 Beagles, 2 Farmers, 1 Fresco, 3
										Cabs, and 2 u/i s/e; 4 8-gun heavy AA emplacements S of runway
										25X1D 25X1D
51			25X1D	69-04	33-17	USSR	G			Murmansk/Gryaznyy Seaplane Station; hangar 230' x 200', parking apron 1,200' x 500' with 2 ramps, maintenance facilities.
										barrack and storage areas, cargo ship at dock, a/c: 20
										Madges, 1 swept wing jet, 33' x 36' poss used for test purposes; NE across inlet
										is a poss supporting facility for the seaplane base; no a/c visible
51			25X1D	69-01	33-18	USSR	G			Murmansk Northeast A/F; concrete runway oriented NNW/SSE 6,400' x 230' with loop taxiway; 3 parking aprons along taxiway;
										new construction activity; 1 prob communications tower; a/c: 25 Flashlights, 63 Farmers, 1 Fresco, 1
										Cab, 1 s/e u/i, 1 B-47

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										mock-up, 1 poss Buck mock-up
51			25X1D	69	33	USSR	G			Dock facilities NE of Varlamovo A/F (abandoned); 11 ships in large floating dry dock 900' x 170'; 16 misc cargo type ships and 3
										PT boats moored at piers; numerous storage facilities
51			25X1D	69	33	USSR	G			Large storage areas NE of Zelenyy Mys, approx 50 warehouse-type bldgs with- in fenced area; 8-gun heavy AA emplacement
51				69	33	USSR	G			MURMANSK; port facilities "Rosta", large storage areas, underground POL storage, lumber rafts, coal storage, ships; 2 large cargo-type, 14 misc cargo
										25X1D 25X1D
51			25X1D	69-00	33-07	USSR	G			Murmansk A/F; abandoned
51				68	33	USSR	G			MURMANSK; large port facilities; many log, lumber, and coal storage yards along dock; prob fish cannery; ship repair facilities; approx 110 ships of various sizes at piers, numerous small craft; large floating dry dock; dock area served by rail lines; RR classification yard and repair shops; 3 prob communication centers, 1 located N of port has 1 tall pole-type antenna, several small antennas and 6 bldgs

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										within fenced area; 1 located E of port area has 1 very tall lattice-type tower for poss radar and 1 large bldg within walled
										area; and 1 S of port has mast antenna with 3 bldgs; all 3 centers located on hilltops; prob military barracks and storage
										area SE of port: 150 barrack- type bldgs, approx 250 vehicles in motor pool S of barracks, large open storage; prob underground
										storage located in side of hill S of barracks area
51			25X1D	68	33	USSR	G			DROVYANOY; dock facilities, u/i new construction S of town, 8-gun heavy AA emplacement W of town ✓
51				68	33	USSR	G			ARNOL'DOVKA; u/i processing plant, military barracks area; 8-gun heavy AA emplacement E of town; military training
										area approx 2 miles E of town
51			25X1D	68	33	USSR	G			KOLA; POL storage, 4 large tanks underground, warehouse storage area, rail served; classification yard; numerous power lines;
										highway bridge 500' long over Kol'skiy Zaliv; S of town, 20 warehouses in 2 storage areas
51			25X1D	68	33	USSR	G			3 military barracks and storage areas, E of KOLA

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51			25X1D	68-51	33-01	USSR	G			Murmansk/Kola A/F; hard packed earth runway 3,500' x 500', radio communication center, small POL storage, a/c: 8 Cabs, 1 Crate, 1 s/e liaison
51			25X1D	68	32	USSR	G			MURMASHI; hydroelectric power plant on Reka Tuloma; new RR line extending NW from city; 2 steel truss RR bridges over Reka Tuloma, 1 70' long, 1 460' long
51			25X1D	68	32	USSR	G			DF communications, Krug-type, located 3 NM SE of MURMASHI 25X1D 25X1D
51			25X1D	68-48	32-48	USSR	G			Murmashi A/F; sod surface landing area 3,700' x 700'; 20 revetments, firing butt, 2 hangars 200' x 140'; a/c: 2 prob Colts, 2 prob Frescoes, 2 s/e u/i, 1 Hound
51			25X1D	68-30	33-19	USSR	G			New A/F 3 miles E of KITSA; hard surface runway oriented NNE/SSW 6,500' x 160', loop taxiway and 2 large parking aprons; firing butt, POL storage, ammo storage; a/c: 49 Frescoes, 1 s/e liaison 25X1D 25X1D
51			25X1D	68	33	USSR	G			Prob military camp S of KITSA

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51			25X1D	68	33	USSR	G			Poss guided missile installation u/c S of KITSIA; 4 warehouse-type bldgs, 1 square pad 110' x
										110', u/i construction activity, 6 bldgs and other facilities u/c above cliff adjacent to this area
51			25X1D	68	33	USSR	G			Poss communication installation u/c 4 miles S of STANTSIIYA LAPLANDIYA; forest cutting for prob fence lines around area 5,000' x
										3,000 ; bldg 100' x 50' inside lines, road and trench connecting it with support bldgs outside
51			25X1D	68	33	USSR	G			OLEN'YA; new mining and ore processing site; numerous road and RR spurs under construction, new housing, POL storage, underground storage, much activity and new construction
										25X1D
51			25X1D	68-10	33-17	USSR	G			Olen'ya A/F; sod runway oriented NNW/SSE, 4,000' x 300'; a/c: 20 liaison s/e
51			25X1D	68-09	33-28	USSR	G			New A/F 4 miles E of OLEN'YA; concrete runway oriented NE/SW, 11,500' x 280', loop taxiway, 2 parking aprons, 2 POL storage areas, 1 double fenced drive-through bldg, new RR spur serving A/F area, large barracks area, much activity and new construction, a/c: 1 Cab
										25X1D

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51			25X1D	68	32	USSR	G			Monchegorsk Nickel Combine; power plant, POL storage, explosives storage; shaft mines, strip mines, new construction; military barracks area
51			25X1D	68	32	USSR	G			Log cutting activity
51				68	31	USSR	G			SIGOV RUCHEY; logging activity; log rafts in Reka Tuloma
51				68	31	USSR	G			MIG-19 (Farmer) heading N at approx 44,000 feet altitude
51				69-24	31-00	USSR	G			Pechenga A/F; hard surface runway oriented NE/SW, 7,000' x 180', loop taxiway which is also used as parking apron.
										POL storage, ammo storage, firing butt, maintenance facilities, approx 12 8-gun heavy AA emplacements around the airfield; a/c;
										75 MIG-type fighters, 3 liaison s/e, 1 B-47 mock-up; 1 Canberra mock-up
51			25X1D	69	31	USSR	G			PECHENGA; small town at mouth of Reka Pechenga; new RR line to town, poss coming from MURMANSK; new RR bridge 450' long.
										highway bridge 270' long; military camp SE of town, training area, 35 barrack-type bldgs, 20 warehouses, 45 tents

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51			25X1D	69	31	USSR	G			TRIFONA; small dock, 4 large warehouses
51				69	31	USSR	G			New prob naval base in Guba Pechenga; numerous dock facilities, POL storage, warehouse, prob RR; prob POL storage tanks being constructed underground in hills just W of port; 8-gun heavy AA emplace- ment adjacent to construc- tion; ships include 3 patrol boats, 5 misc boats
51			25X1D	69	31	USSR	G			Lighthouse on Mys Khivazniyemi; 8-gun heavy AA emplacement and prob radar installation on Mys Ristiniyemi, NW of lighthouse
51				69	31	USSR	G			Prob electronics installation, with numerous prob cable scars in triangular pattern; at each corner of triangle an earth mound with object on top; area still u/c; military camp; trenches, foxholes, defense positions covering peninsula
51			25X1D	69-47	31-56	USSR	G			U/i A/F at PUMMANKI, prob abandoned; sod runway 5,000' x 300', with 28 revetments
51			25X1D	69	34	USSR	F			2 Badgers in flight
51				69	34	USSR	G			Poss cruiser heading NW

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51			25X1D	69-19	34-11	USSR	G			Ostrov Kil'din A/F; hard surface runway 5,000 x 150 feet, taxiway and parking apron; no a/c observed
51				69	34	USSR	G			Poss radar installation along cliff of Ostrov Kil'din [REDACTED] 25X1D
51				69	34	USSR	G			KIL'DIN
51				69	34	USSR	F			Cargo ship
51				69	34	USSR	G			Poss coastal defense; 2 large bunker-type bldgs w/ramp-like structure pointing to sea, served by good roads
51				69	34	USSR	G			Ammo storage area; approx 15 large warehouses, approx 6 smaller warehouse-type bldgs
51				69	34	USSR	G			Several gun positions
51				69-19	34-20	USSR	G			Kil'din Seaplane Base; no a/c observed
51				69	34	USSR	G			3 a/c in flight: 2 Badgers, 1 MIG-type (Badgers prob those seen on [REDACTED] [REDACTED] 25X1D 25X1D
51				69	35	USSR	P			TERIBERKA; cloud cover on reported landing strip area which is rough, rocky slope; a few cultivated fields

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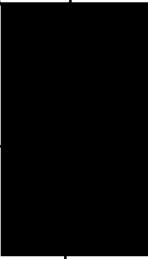


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51			25X1D	69	33	USSR	G	25X1D 25X1D		Dolgaya Guba; sub pen u/c [REDACTED]; 44 PT boats moored; shore facilities
51				69	33	USSR	G			Installation 3NM E of Severomorsk (Vayenga) A/F; 2 prob AA gun emplacements; motor pool, equipment storage, administrative-type bldgs, housing area; new roads leading N and S
51			25X1D	69-02	33-25	USSR	G			Severomorsk A/F; E edge of field; 1 revetted storage bldg, 1 u/c; several poss 25X1D gun emplacements (see [REDACTED])
51				68	33	USSR	G			2 8-gun AA positions near road from Vayenga to new A/F; 1 u/i ring without pits
51				68-51	33-44	USSR	G			New A/F 15 NM SE of MURMANSK; concrete runway est 8,200' x 180', loop taxiway with 2 cross links to runway; 14 large and 18 small hardstands, more u/c, 4 parking aprons; 2 underground POL storage areas; 6 revetted hardstands u/c at end of taxiway approx 1.5 NM from runway; paving and other construction work continues during operational status; prob concrete plant at site; a/c: 36 Beagles, 6 u/i a/c
51			25X1D	68	33	USSR	G			KILDENSTROY; 9 span bridge over Reka Kola; clay pits and processing plant on E side; RR siding on W side

SPB Form 10 (Revised)

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MISSION COVERAGE SUMMARY

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WAC & BE No.	Photo Ident.			Coordinates		Country	Qual.	Photo Point	Ref.	Description
	Cam.	Exp.	Time	Lat. N	Long. E					
51			25X1D	68-45	33-09	USSR	G			Shonguy A/F; 11 NM S of MURMANSK; 2 irregularly shaped earth fields separated and partly surrounded by ravines.
										max lengths est 3,000'; N field with 6 warehouses, 5 covered storage units, open POL storage, and 9 bldgs in secured area; a/c:
										3 Hounds parked on 3 of 8 square pads; S field with 1 large, several small bldgs, marks of poss plane parking around sides of
										field; no a/c
51			25X1D	68	33	USSR	G			SHONGUY; RR yards, bridge over Reka Kola; clay pits and processing plant
51				68	33	USSR	G	25X1D 25X1D		DF communications, Krug-type  road connects with 2 living quarters/support areas and with radar and communications
51			25X1D	68	33	USSR	G			Communications center; 1 large, several small bldgs, tall tower; between radar and Krug-type installations
51				68	33	USSR	G			Radar installation; consists of radar-type device, prob rotating; with 3 small, 1 large bunkers, in secured area; road appears to enter large bunker

TOP SECRET CHESS

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	Cam.	Exp.	Time	Lat. N	Long. E					
51			25X1D	68-28	33-18	USSR	G			New A/F; S portion of runway; a/c: 3l Fresco-type [REDACTED] 25X1D
51				68	33	USSR	G			U/i construction area and/or mine prospect on Gora Ramut Vaynvich; cleared site with 1 long bldg, 4 other sites, in line along
										mountain slope, entire area fenced; poss equipment yard, warehouse area, poss communications station, each secured;
										housing areas; new road W to new A/F
51			25X1D	68	33	USSR	G			U/i installation; consists of secured barracks and/or storage area, adjoining equipment storage and housing area
51				68-08	33-29	USSR	G			New A/F 4 NM E of OLEN'YA; part of runway end showing [REDACTED] 25X1D 25X1D
51				68	33	USSR	G			New highway E toward LOVOZERO
51				67	33	USSR	F			Mining operations E of KIROVSK; prob ore processing plant on RR; workers' settlements; new road E around mountains
91				69	33	USSR	F			KIROVSK; mostly cloud-covered; prob processing plant and power plant, RR yards; single and multiple housing units
91				67-34	33-34	USSR	F			Kirovsk A/F; natural surface landing strip, revetted parking bays; no a/c visible; part cloud-covered

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	Cam.	Exp.	Time	Lat. N	Long. E					
91			25X1D	67	33	USSR	F			APATITY; RR yards, warehouse area, open lumber storage; several secured storage areas and u/i secured areas E of
										town; u/i processing plant with tall stack located on RR spur
91				67-27	32-46	USSR	P			Afrikanda A/F; EW concrete runway; taxi-way to dispersed storage area; a/c: 15 u/i
91			25X1D	67-26	32-50	USSR	P			Nivskiy A/F; natural surface; a/c not visible
91				67	32	USSR	P			VERKHNIY NIVASTROY; hydroelectric power plant and control works, Reka Niva
51				68	30	USSR	G			A/c: 1 Farmer, flying NE
51				69	30	USSR	P			NICKEL; large smelter with tall stack, supporting bldgs, storage, workers' housing; mines in vicinity; new RR line runs NE
										toward Pechenga (NICKEL in
51			25X1D	69	30	USSR	F			RR station, 4-track yard and turning Y; mining area to S, narrow guage mine RR; several settlements; new road EW
51				69	31	USSR	G			8-gun AA emplacement with 2 ammo storage units; military post with 3 large, numerous small bldgs; N shore of Lake Trifona-

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